

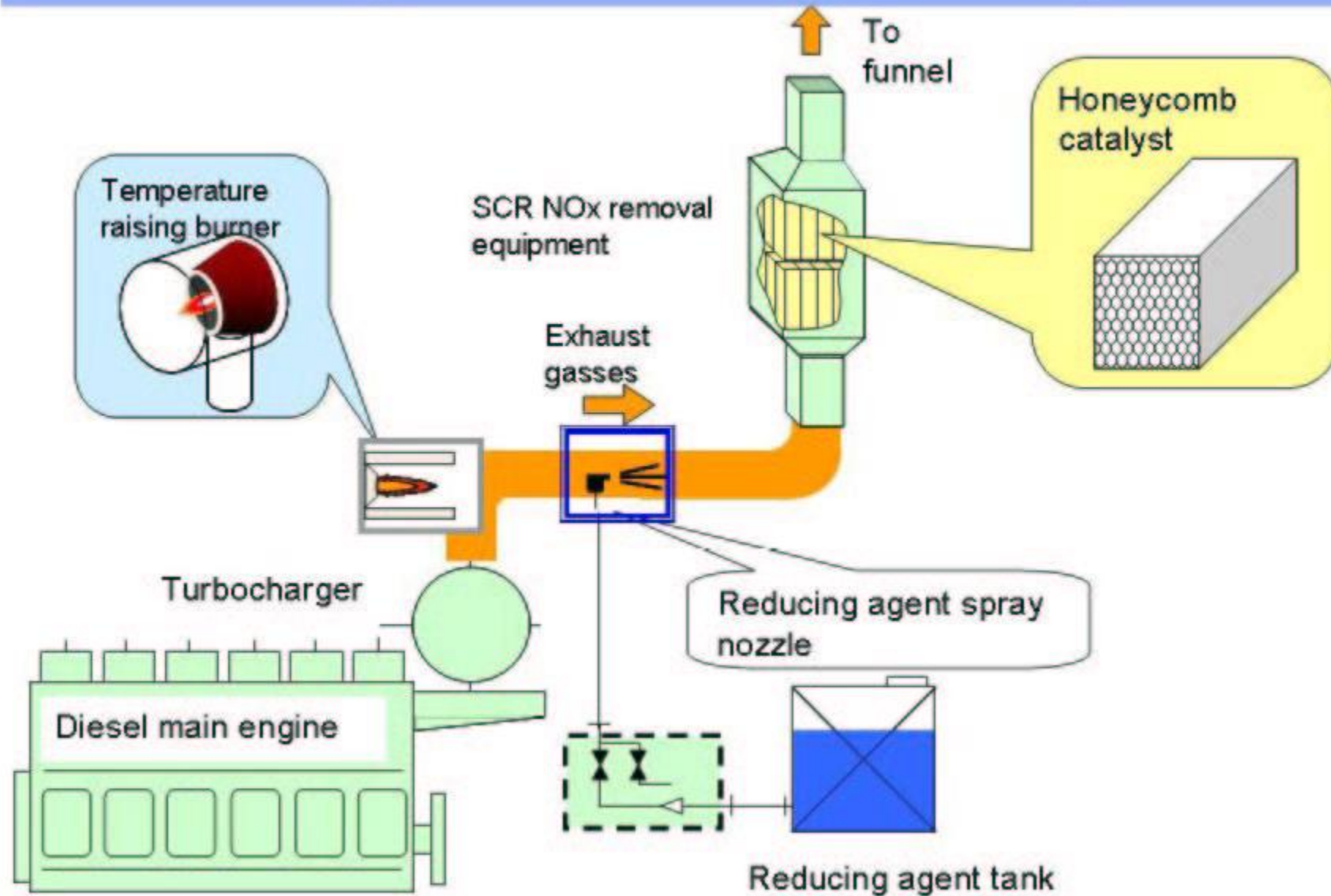
EB proces cheaper and  
better single step process

To control ship emissions

# Conventional SCR + Wet FGD

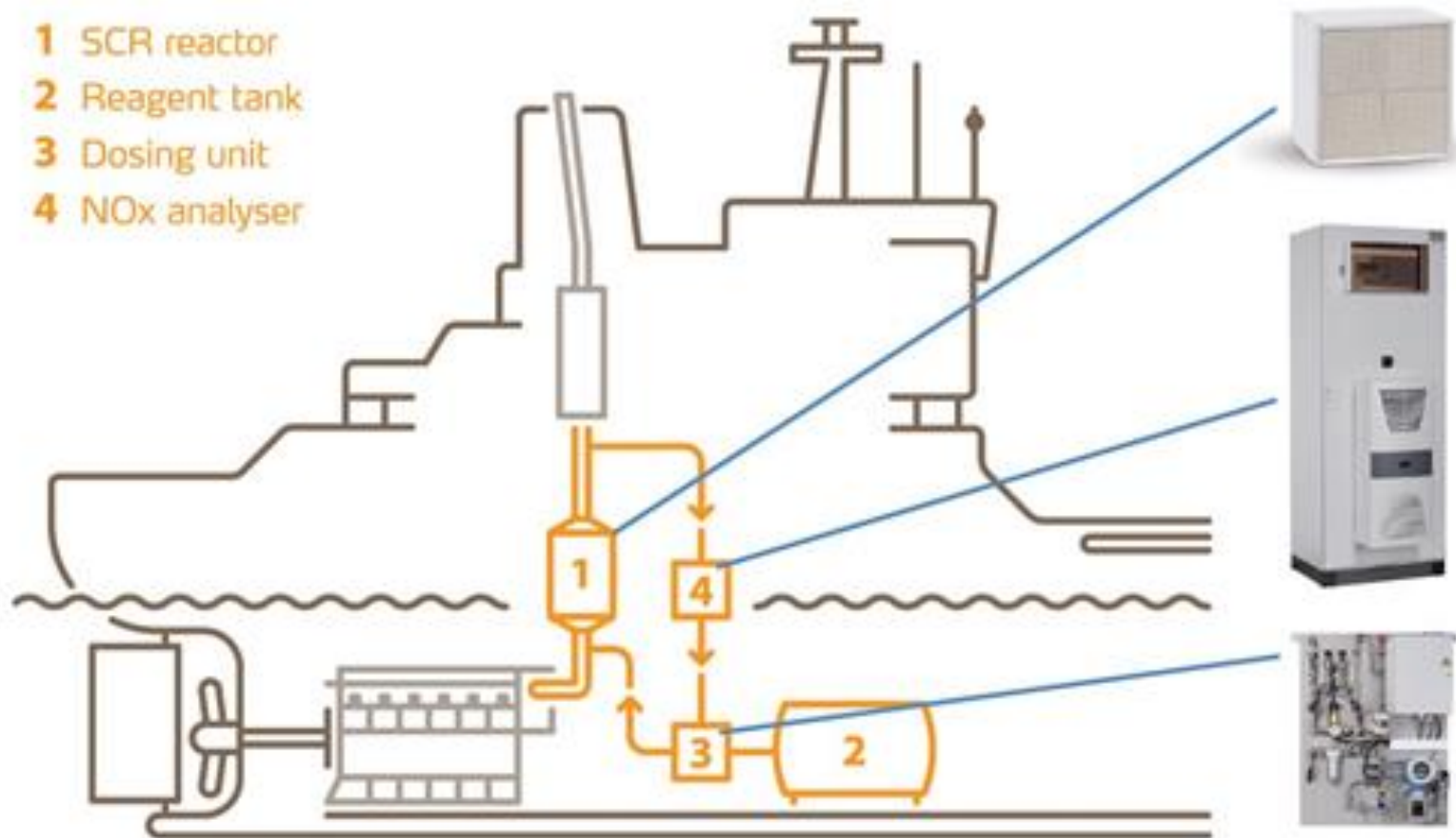
Two steps needed

# Image of SCR NOx removal system



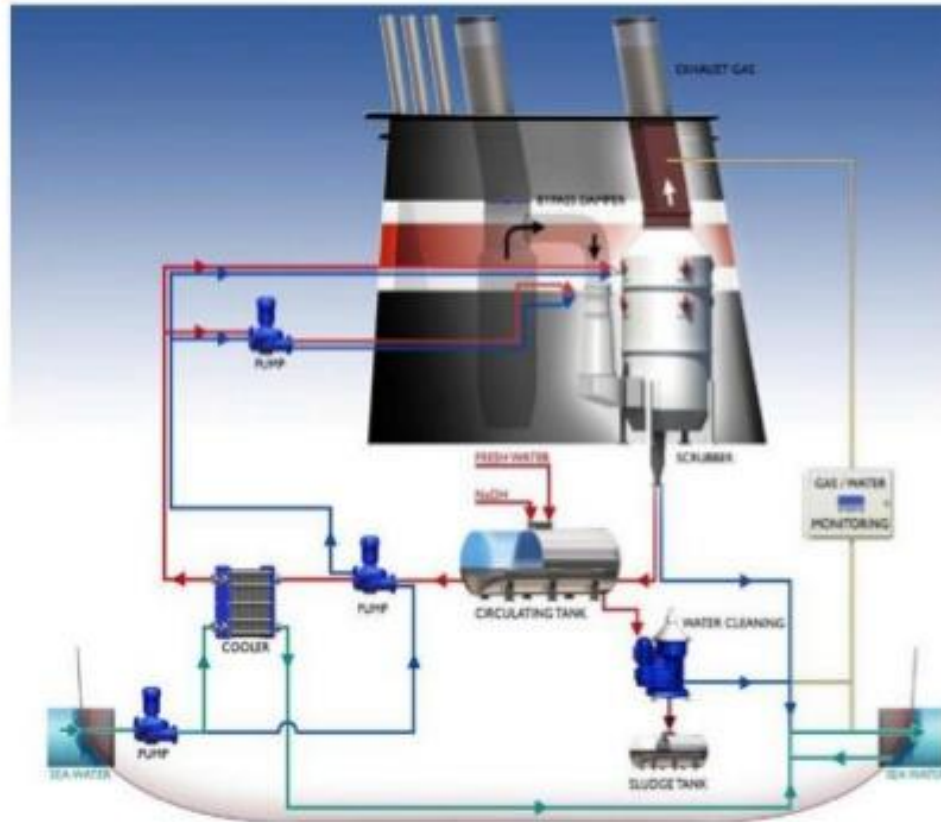
## NOxCare SCR Systems

- 1 SCR reactor
- 2 Reagent tank
- 3 Dosing unit
- 4 NOx analyser



## Scrubber technology: How does it work?

- SO<sub>x</sub> is removed via using wash water.
- System includes:
  - Water supply
  - Water treatment
  - Exhaust gas and water monitoring
  - Supply to ship of treatment agent.
- Types
  - Fresh water
  - Sea water
  - Hybrid



Source: Force Technology, 2012

See: [http://www.youtube.com/watch?v=J8\\_D7ASh0\\_g](http://www.youtube.com/watch?v=J8_D7ASh0_g)

# Electron beam FGT

SO<sub>x</sub> and NO<sub>x</sub> removed in one step

